What is claimed is:

1. A method of determining which entity in an Internet Protocol (IP) network will establish Quality of Service (QoS), wherein the IP network is comprised of a user node, comprising the steps of:

transmitting, by the IP network, a message indicating which of at least one of the user node and the IP network is capable of establishing QoS; and

selecting, by the user node, one of the IP network and the user node to establish QoS, if the IP network indicates that both the user node and the IP network are capable of establishing QoS.

2. The method as recited in claim 1, wherein the user node is a mobile terminal.

3. The method as recited in claim 1, wherein the message transmitted by the IP network is a broadcast message to any IP node which can receive it.

4. The method as recited in claim 3, wherein the message transmitted by the IP network is a Mobile IPv4 Agent Announcement message, and wherein the Mobile IPv4 Agent Announcement message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

5. The method as recited in claim 3, wherein the message transmitted by the IP network is a Router Advertisement message, and wherein the Router Advertisement message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

6. The method as recited in claim 5, wherein the Router Advertisement message is one of an IPv4 Router Advertisement message and an IPv6 Router Advertisement message.

7. The method as recited in claim 1, wherein the message transmitted by the IP network is a message transmitted during a registration procedure of the user node.

8. The method as recited in claim 7, wherein the message transmitted during the registration procedure of the user node is a Mobile IPv4 Registration Reply message, and wherein the Mobile IP Registration Reply message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

9. The method as recited in claim 7, wherein the message transmitted during the registration procedure of the user node is a Mobile IPv6 Binding Acknowledgement message, and wherein the Mobile IPv6 Binding Acknowledgement message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

10. The method as recited in claim 7, wherein the message transmitted during the registration procedure of the user node is a Session Initiation Protocol (SIP) OK message in response to a SIP REGISTER message transmitted by the user node, and wherein the OK message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

11. The method as recited in claim 1, wherein the message transmitted by the IP network is a message transmitted during a session setup procedure.

12. The method as recited in claim 1, wherein the step of selecting, by the user node, one of the IP network and the user node to establish QoS, comprises:

transmitting, by the user node to the IP network, a message selecting one of the user node and the IP network to establish QoS.

13. The method as recited in claim 12, wherein the message transmitted by the user node is a message transmitted during a registration procedure of the user node.

14. The method as recited in claim 13, wherein the message transmitted during the registration procedure of the user node is a Registration Request message, and wherein the Registration Request message contains at least one field selecting one of the user node and the IP network to establish QoS.

15. The method as recited in claim 14, wherein the Registration Request message is one of a Mobile IPv4 Registration Request message, a Mobile IPv6 Binding Request message, and a User Registration Protocol (URP) registration message.

16. The method as recited in claim 13, wherein the message transmitted during the registration procedure of the user node is a Session Initiation Protocol (SIP) REGISTER message, and wherein the REGISTER message contains at least one field to select one of the user node and the IP network to establish QoS.

17. The method as recited in claim 12, wherein the message transmitted by the user node is a message transmitted during a session setup procedure of the user node.

18. The method as recited in claim 17, wherein the message transmitted during the session setup procedure of the user node is a Session Initiation Protocol (SIP) INVITE message, and wherein the INVITE message contains at least one field to select one of the user node and the IP network to establish QoS.

19. A system for determining which entity in an Internet Protocol (IP) network will establish Quality of Service (QoS), comprising the steps of:

a user node; and

an IP network for transmitting a message indicating which of at least one of the user node and the IP network is capable of establishing QoS;

wherein the user node is operable for selecting one of the IP network and the user node to establish QoS, if the IP network indicates in the transmitted message that both the user node and IP network are capable of establishing QoS.

20. The system as recited in claim 19, wherein the user node is a mobile terminal.

21. The system as recited in claim 20, wherein the mobile terminal is one of a cellular telephone, a Personal Digital Assistant (PDA), and a laptop computer.

22. The system as recited in claim 19, wherein the IP network is a wireless broadcast network.

23. The system as recited in claim 19, wherein the IP network message is one of a IP Router Advertisement message, Mobile IP Agent Announcement message, a User Registration Protocol (URP) registration message, and a Mobile IP Registration Reply message, and wherein the IP network message has at least one field which indicates which of at least one of the user node and the IP network is capable of establishing QoS.

24. The system as recited in claim 19, wherein the IP network message is a Session Initiation Protocol (SIP) OK message in response to a SIP REGISTER message transmitted by the user node, and wherein the SIP OK message contains at least one field to indicate which of at least one of the user node and the IP network is capable of establishing QoS.

25. The system as recited in claim 19, wherein the user node indicates the selection by means of a selection message to the IP network.

26. The system as recited in claim 25, wherein the selection message is a message transmitted during one of a registration procedure of the user node and a session setup procedure of the user node.

27. The system as recited in claim 25, wherein the selection message is one of a SIP REGISTER message and a SIP INVITE message, and wherein the selection message contains at least one field for selecting one of the user node and the IP network.

28. The system as recited in claim 25, wherein the selection message is a Mobile IPv4 Registration Request message, a Mobile IPv6 Binding Update message, a User Registration Protocol (URP) registration message, and wherein the selection message contains at least one field for selecting one of the user node and the IP network to establish QoS.